

TRANSPONDER EQUIPMENT

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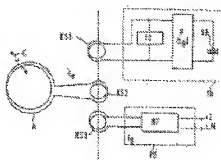
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Abstract of JP 2000078055 (A)

PROBLEM TO BE SOLVED: To obtain transponder equipment by which a large reach distance is realized in spite of a short stay time inside an inquiry electromagnetic field without an intrinsic first energy source. **SOLUTION:** A transponder TR arranged in the object of transponder equipment includes a chargeable energy storage device SP and obtains power from the device SP for at least a transmission operating mode. A pump circuit PS is connected to object side energy sources Z and M in order to charge the device SP on the object side, a charging signal is generated and energy is transmitted by induced coupling via a coupling circuit KS3 connected to the pump circuit PS and the coupling circuit KS1 at the side of the transponder by the charging signal.



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